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Claims for After-Allowance Amendment under 37 C.F.R. § 1.312 for U.S.S.N. 09/891,865

1-42. (Cancelled)

43. (Previously Presented) A plasmid vector having the sequence of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9, SEQ ID NO: 10, SEQ ID NO: 12, SEQ ID NO: 13, SEQ ID NO: 14, or SEQ ID NO: 15.

44-75. (Cancelled)

76. (New) A method for producing a first protein having uridine phosphorylase activity and a second protein having purine nucleoside phosphorylase activity in the same cell, said method comprising culturing a host bacterial cell harboring a plasmid expression vector having the sequence as depicted in SEQ ID NO: 6 or a plasmid expression vector having the sequence as depicted in SEQ ID NO: 15, wherein the proteins are produced.

77. (New) The method of claim 76, further comprising the steps of isolating and purifying the proteins from the host bacterial cell.

78. (New) A method for producing a fusion protein having both uridine phosphorylase activity and purine nucleoside phosphorylase activity, said method comprising culturing a host bacterial cell harboring a plasmid expression vector having the sequence as depicted in SEQ ID NO: 9, wherein the protein is produced.

79. (New) The method of claim 78, further comprising the steps of isolating and purifying the protein from the host bacterial cell.

80. (New) A method for producing a fusion protein having both uridine phosphorylase activity and purine nucleoside phosphorylase activity, said method comprising culturing a host bacterial cell harboring a plasmid expression vector having the sequence as depicted in SEQ ID NO: 10, wherein the protein is produced.

81. (New) The method of claim 80, further comprising the steps of isolating and purifying the fusion protein from the host bacterial cell.